SILVERNET

SilverNet MAX 240-PCP Network bridge 240 Mbit/s White

Brand : SilverNet

Product code: SIL MAX 240-PCP

Product name : MAX 240-PCP

- Point-to-Point Outdoor Wireless Bridge Up to 20KM
- Point-to-MultiPoint Client
- 240Mbps throughput
- Integrated Dual 25dBi Antenna
- Designed for Outdoor applications
- SNMP
- AES Encryption up to 256bit
- MIMO with spatial multiplexing
- DFS (Dynamic Frequency Selection)
- TPC (transmit Power Control)
- PoE 802.3af
- Upgradable to 500Mbps

240Mbps, 25dBi, PoE, MIMO, DFS, 1G LAN, 370x370x90 mm, pre-configured
SilverNet MAX 240-PCP. Maximum data transfer rate: 240 Mbit/s, Maximum transfer distance: 60000 m,
Supported data transfer rates: 95, 240, 500Mbps. Antenna design: Internal, Antenna gain level (max): 23
dBi, Pan/tilt-axis range: 180°. Wi-Fi band: Single-band (5 GHz), Top Wi-Fi standard: Wi-Fi 5 (802.11ac),
WLAN data transfer rate (max): 1300 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN
data rates: 10,100,1000 Mbit/s, Networking standards: IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE
802.11n, IEEE 802.1Q, IEEE 802.1x. Connectivity technology: Wired & Wireless

Data transmission

Maximum data transfer rate *	240 Mbit/s
Maximum transfer distance	60000 m
Supported data transfer rates	95, 240, 500Mbps

Antenna

Antenna design	Internal
Antenna gain level (max)	23 dBi
Pan/tilt-axis range	180°
Antennas quantity	1

Wireless LAN features

Wi-Fi	✔
Wi-Fi band	Single-band (5 GHz)
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
WLAN data transfer rate (max)	1300 Mbit/s
Frequency band	5.1 - 5.8 GHz
Transmission gain	0 - 23 dB
Signal strength	-40 dBm
Channels quantity	25 channels
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps
Output power (dBm)	26
Indoor range	60000m
Outdoor range	60000m

Network

Ethernet LAN	✔
Ethernet LAN interface type	Gigabit Ethernet
Ethernet LAN data rates	10,100,1000 Mbit/s
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x

Features

Surge protection	✔
Quality of Service (QoS) support	✔
Wi-Fi Multimedia (WMM)/(WME)	✔
Network Time Protocol (NTP) client	✔
Mean time between failures (MTBF)	60000 h

System requirements

Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions

Power

Power source type	DC, PoE
AC input voltage	100-240 V
Power supply	15.4 W
DC input voltage	24-48/48-56 V
Power consumption (typical)	6 W
Power consumption (max)	16 W
Power over Ethernet (PoE)	✔
Power over Ethernet (PoE) voltage	48 V
Power plug type	Type G

Operational conditions

Operating temperature (T-T)	-20 - 70 °C
Operating temperature (T-T)	-4 - 158 °F
Operating relative humidity (H-H)	0 - 95%
Storage temperature (T-T)	-40 - 90 °C
Storage relative humidity (H-H)	0 - 95%

Certificates

Certification	CE, FCC

Weight & dimensions

Antenna diameter	51 cm

Network

Cabling technology	10/100/1000Base-T(X)
Full duplex	✔
Auto MDI/MDI-X	✔
Static IP	✔
Dynamic IP	✔

Ports & interfaces

Connectivity technology	Wired & Wireless
Ethernet LAN (RJ-45) ports	1

Security

Security algorithms	256-bit AES, 802.1x RADIUS, SNMPv2, SSH
MAC address filtering	✔
Authentication method	WPA2 AES

Management features

Management protocols	SNMP V2
Web-based management	✔
DHCP client	✔

Features

Product type *	Network bridge
Product colour	White
Remote control function	✔
LED indicators	LAN, Signal strength
Automatic Transmit Power Control (ATPC)	✔
Wall mountable	✔
Reset button	✔
International Protection (IP) code	IP67

Weight & dimensions

Width	370 mm
Depth	370 mm
Height	90 mm
Weight	2.5 kg

Packaging content

Packaging content	Includes 2 x radios, 2 x PoE injector PSU's and 2 x Tilt and Swivel 3 Axis mounting brackets.
PoE+ Injector(s)	✔
Mounting bracket(s) included	✔
Power supply included	✔
Antenna included	✔
Quick installation guide	✔

Packaging data

Package width	305 mm
Package depth	445 mm
Package height	460 mm
Package weight	9.37 kg
Package type	Box
Quantity per pack	2 pc(s)

Logistics data

UK Trade Tariff code	85176200
Country of origin	United Kingdom

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